



COP Deviation Report

SAN JUAN 27-5 UNIT #100N

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName SAN JUAN 27-5 UNIT #100N	API / UWI 3003930798	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 001-027N-005W-G	N/S Dist (ft) 1,705.00	N/S Ref FNL	E/W Dist (ft) 1,585.00	E/W Ref FEL

Survey Data				
Date	MD (ftKB)	Incl (°)	Method	Survey Company
9/16/2010	0.00	0.00	IncAzi-MWD	Scientific Drilling
8/13/2010	130.00	1.00	Inc-Drop	MO-TE DRILLING INC
8/13/2010	237.00	1.00	Inc-Drop	MO-TE DRILLING INC
9/16/2010	265.00	0.55	IncAzi-MWD	Scientific Drilling
9/16/2010	327.00	0.98	IncAzi-MWD	Scientific Drilling
9/16/2010	389.00	1.99	IncAzi-MWD	Scientific Drilling
9/16/2010	449.00	3.45	IncAzi-MWD	Scientific Drilling
9/16/2010	511.00	4.32	IncAzi-MWD	Scientific Drilling
9/16/2010	572.00	5.61	IncAzi-MWD	Scientific Drilling
9/16/2010	634.00	6.87	IncAzi-MWD	Scientific Drilling
9/16/2010	696.00	7.93	IncAzi-MWD	Scientific Drilling
9/16/2010	757.00	8.32	IncAzi-MWD	Scientific Drilling
9/16/2010	818.00	9.30	IncAzi-MWD	Scientific Drilling
9/16/2010	911.00	11.10	IncAzi-MWD	Scientific Drilling
9/17/2010	1,001.00	12.89	IncAzi-MWD	Scientific Drilling
9/17/2010	1,091.00	15.68	IncAzi-MWD	Scientific Drilling
9/17/2010	1,181.00	18.18	IncAzi-MWD	Scientific Drilling
9/17/2010	1,271.00	20.32	IncAzi-MWD	Scientific Drilling
9/17/2010	1,361.00	22.82	IncAzi-MWD	Scientific Drilling
9/17/2010	1,451.00	23.36	IncAzi-MWD	Scientific Drilling
9/17/2010	1,541.00	23.75	IncAzi-MWD	Scientific Drilling
9/17/2010	1,631.00	24.99	IncAzi-MWD	Scientific Drilling
9/17/2010	1,721.00	25.57	IncAzi-MWD	Scientific Drilling
9/17/2010	1,811.00	25.34	IncAzi-MWD	Scientific Drilling
9/17/2010	1,901.00	25.25	IncAzi-MWD	Scientific Drilling
9/17/2010	1,991.00	25.72	IncAzi-MWD	Scientific Drilling
9/17/2010	2,081.00	26.22	IncAzi-MWD	Scientific Drilling
9/17/2010	2,171.00	26.96	IncAzi-MWD	Scientific Drilling
9/17/2010	2,261.00	26.55	IncAzi-MWD	Scientific Drilling
9/17/2010	2,351.00	27.96	IncAzi-MWD	Scientific Drilling
9/17/2010	2,441.00	26.54	IncAzi-MWD	Scientific Drilling
9/17/2010	2,531.00	26.26	IncAzi-MWD	Scientific Drilling
9/17/2010	2,621.00	24.48	IncAzi-MWD	Scientific Drilling
9/17/2010	2,711.00	25.97	IncAzi-MWD	Scientific Drilling
9/17/2010	2,801.00	24.54	IncAzi-MWD	Scientific Drilling

I, the undersigned, certify that I acting in my capacity as _____ for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

Subscribed and sworn to me this _____

Notary Public in and for San Juan County, New Mexico

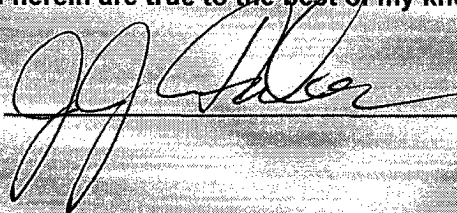
My Commission expires _____

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SAN JUAN 27-5 UNIT #100N

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
9/17/2010	2,891.00	24.39	IncAzi-MWD	Scientific Drilling	
9/17/2010	2,981.00	23.50	IncAzi-MWD	Scientific Drilling	
9/17/2010	3,071.00	23.11	IncAzi-MWD	Scientific Drilling	
9/17/2010	3,161.00	23.15	IncAzi-MWD	Scientific Drilling	
9/17/2010	3,252.00	23.04	IncAzi-MWD	Scientific Drilling	
9/17/2010	3,342.00	23.42	IncAzi-MWD	Scientific Drilling	
9/17/2010	3,432.00	23.77	IncAzi-MWD	Scientific Drilling	
9/17/2010	3,522.00	23.80	IncAzi-MWD	Scientific Drilling	
9/17/2010	3,612.00	23.98	IncAzi-MWD	Scientific Drilling	
9/17/2010	3,702.00	24.00	IncAzi-MWD	Scientific Drilling	
9/17/2010	3,792.00	22.99	IncAzi-MWD	Scientific Drilling	
9/17/2010	3,882.00	23.36	IncAzi-MWD	Scientific Drilling	
9/17/2010	3,972.00	23.10	IncAzi-MWD	Scientific Drilling	
9/17/2010	4,062.00	23.35	IncAzi-MWD	Scientific Drilling	
9/18/2010	4,152.00	22.95	IncAzi-MWD	Scientific Drilling	
9/18/2010	4,242.00	20.76	IncAzi-MWD	Scientific Drilling	
9/18/2010	4,332.00	18.34	IncAzi-MWD	Scientific Drilling	
9/18/2010	4,422.00	15.95	IncAzi-MWD	Scientific Drilling	
9/18/2010	4,512.00	13.99	IncAzi-MWD	Scientific Drilling	
9/18/2010	4,602.00	13.12	IncAzi-MWD	Scientific Drilling	
9/18/2010	4,692.00	10.93	IncAzi-MWD	Scientific Drilling	
9/18/2010	4,782.00	6.80	IncAzi-MWD	Scientific Drilling	
9/19/2010	4,860.00	4.34	IncAzi-MWD	Scientific Drilling	
9/19/2010	4,917.00	2.54	Projection	Scientific Drilling	
9/29/2010	8,900.00	1.00	Inc-WL	Phoenix Services LLC	

RCVD OCT 25 '10
OIL CONS. DIV.
DIST. 3

I, the undersigned, certify that I acting in my capacity as Drilling Engineer for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.



Subscribed and sworn to me this 10/22/10

Patricia L. Clugston

Notary Public in and for San Juan County, New Mexico

My Commission expires 10/2/2012